
:]_gb]_cbXYbnUrcf]nUYf_cdfYa c`!`%`XY.`DcXfc bUgdYWZ UWU!
:]_gb]_cbXYbnUrcf]nUYbcga Yfb]`lc_`g`dc`YH]`Yb`HfYZU Urb]a `d`Ugfb]a
XJYY_f]_ca `]b`_cj]bg_c`Z`]c`f97`*`\$` , (!%%&\$ \$, Ł

Fixed capacitors for use in electronic equipment - Part 11: Sectional specification - Fixed polyethylene terephthalate film dielectric metal foil d.c.capacitors (IEC 60384-11:2008)

Festkondensatoren zur Verwendung in Geräten der Elektronik - Teil 11: Rahmenspezifikation - Festkondensatoren mit einem Dielektrikum aus Polyethylen-Terephthalat und Belägen aus dünnen Metallfolien für Gleichspannung (IEC 60384-11:2008)

[SIST EN 60384-11:2008](https://standards.iteh.ai/catalog/standards/sist/ee3de79a-63d6-4489-b03b-11:2008)

<https://standards.iteh.ai/catalog/standards/sist/ee3de79a-63d6-4489-b03b-11:2008>

Condensateurs fixes utilisés dans les équipements électroniques - Partie 11 : Spécification intermédiaire - Condensateurs fixes pour courant continu à diélectrique en film de polytéréphtalate d'éthylène à armatures en feuilles métalliques (CEI 60384-11:2008)

Ta slovenski standard je istoveten z: EN 60384-11:2008

ICS:

31.060.10 Fiksni kondenzatorji Fixed capacitors

SIST EN 60384-11:2008 en

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**Fixed capacitors for use in electronic equipment -
Part 11: Sectional specification -
Fixed polyethylene-terephthalate film dielectric metal foil d.c. capacitors
(IEC 60384-11:2008)**

Condensateurs fixes utilisés
dans les équipements électroniques -
Partie 11: Spécification intermédiaire -
Condensateurs fixes pour courant continu
à diélectrique en film de polytéréphtalate
d'éthylène à armatures
en feuilles métalliques
(CEI 60384-11:2008)

Festkondensatoren zur Verwendung
in Geräten der Elektronik -
Teil 11: Rahmenspezifikation -
Festkondensatoren mit einem
Dielektrikum aus Polyethylen-Terephthalat
und Belägen aus dünnen Metallfolien
für Gleichspannung
(IEC 60384-11:2008)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 40/1839/CDV, future edition 3 of IEC 60384-11, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 60384-11 on 2008-03-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-03-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60384-11:2008 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60384-14

NOTE Harmonized as EN 60384-14:2005 (not modified).

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60062	- ¹⁾	Marking codes for resistors and capacitors	EN 60062 + corr. January	2005 ²⁾ 2007
IEC 60063 + A1 + A2	1963 1967 1977	Preferred number series for resistors and capacitors	-	-
IEC 60068-1	- ¹⁾	Environmental testing - Part 1: General and guidance	EN 60068-1	1994 ²⁾
IEC 60384-1 (mod)	1999	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1 + corr. October	2001 2001
IEC 60410	1973	Sampling plans and procedures for inspection by attributes	-	-
ISO 3	- ¹⁾	Preferred numbers - Series of preferred numbers	-	-

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¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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INTERNATIONAL STANDARD

QC 300100

**Fixed capacitors for use in electronic equipment –
Part 11: Sectional specification – Fixed polyethylene-terephthalate film dielectric
metal foil d.c. capacitors**

SIST EN 60384-11:2008

<https://standards.iteh.ai/catalog/standards/sist/ee3de79a-63d6-4489-b03b-1a772a26a469/sist-en-60384-11-2008>

INTERNATIONAL
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CONTENTS

FOREWORD.....	4
1 General	6
1.1 Scope.....	6
1.2 Object	6
1.3 Normative references	6
1.4 Information to be given in a detail specification	6
1.4.1 Outline drawing and dimensions	7
1.4.2 Mounting	7
1.4.3 Ratings and characteristics.....	7
1.4.4 Marking	8
1.5 Terms and definitions	8
1.6 Marking	8
2 Preferred ratings and characteristics	9
2.1 Preferred characteristics	9
2.1.1 Preferred climatic categories	9
2.2 Preferred values of ratings	9
2.2.1 Rated capacitance (C_R).....	9
2.2.2 Tolerance on rated capacitance	9
2.2.3 Rated voltage (U_R).....	9
2.2.4 Category voltage (U_C).....	9
2.2.5 Rated temperature.....	10
3 Quality assessment procedures.....	10
3.1 Primary stage of manufacture.....	10
3.2 Structurally similar components	10
3.3 Certified records of released lots	10
3.4 Qualification approval.....	10
3.4.1 Qualification approval on the basis of the fixed sample size procedure	10
3.4.2 Tests	11
3.5 Quality conformance inspection.....	16
3.5.1 Formation of inspection lots.....	16
3.5.2 Test schedule	17
3.5.3 Delayed delivery	17
3.5.4 Assessment levels.....	17
4 Test and measurement procedures.....	18
4.1 Visual examination and check of dimensions	18
4.2 Electrical tests.....	18
4.2.1 Voltage proof.....	18
4.2.2 Capacitance	18
4.2.3 Tangent of loss angle ($\tan \delta$)	19
4.2.4 Insulation resistance.....	19
4.2.5 Characteristics depending on temperature (if required in the detail specification)	20
4.3 Robustness of terminations	21
4.3.1 Initial measurements	21
4.4 Resistance to soldering heat	21

4.4.1	Conditions	21
4.4.2	Final inspection, measurements and requirements	21
4.5	Solderability	21
4.6	Rapid change of temperature	21
4.6.1	Initial measurement	21
4.6.2	Number of cycles: 5.....	22
4.7	Vibration.....	22
4.8	Bump	22
4.8.1	Initial measurements	22
4.8.2	Severities	22
4.8.3	Final inspection, measurements and requirements	22
4.9	Shock.....	22
4.9.1	Initial measurements	22
4.10	Climatic sequence.....	23
4.10.1	Initial measurements	23
4.10.2	Dry heat	23
4.10.3	Damp heat, cyclic, Test Db, first cycle	23
4.10.4	Cold	23
4.10.5	Low air pressure.....	23
4.10.6	Damp heat, cyclic, Test Db, remaining cycles	24
4.11	Damp heat, steady state.....	24
4.11.1	Initial measurements	24
4.12	Endurance.....	24
4.13	Component solvent resistance (if applicable).....	25
4.14	Solvent resistance of the marking (if applicable).....	25
<p style="color: red; font-weight: bold; font-size: 1.2em;">iTech STANDARD PREVIEW</p> <p style="color: red; font-weight: bold; font-size: 1.2em;">(standards.iteh.ai)</p> <p style="color: red; font-size: 0.8em;">SIST EN 60384-11:2008</p> <p style="color: red; font-size: 0.8em;">https://standards.iteh.ai/catalog/standards/sist/cc5dc79a-63d6-4489-b03b-1a772a26a469/sist-en-60384-11-2008</p>		
Bibliography.....		26
Table 1 – Fixed sample size test plan for qualification approval – Assessment level EZ.....		12
Table 2 – Test schedule for qualification approval.....		13
Table 3 – Lot-by-lot inspection		17
Table 4 – Periodic tests		18
Table 5 – Test voltages.....		18
Table 6 – Insulation resistance		19
Table 7 – Correction factor dependent on test temperature.....		20
Table 8 – Characteristics at lower category temperature.....		20
Table 9 – Characteristics at upper category temperature		21
Table 10 – Acceleration and duration of the pulse.....		23
Table 11 – Endurance test		24

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FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

**Part 11: Sectional specification –
Fixed polyethylene-terephthalate film
dielectric metal foil d.c. capacitors**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60384-11 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This third edition cancels and replaces the second edition published in 1988 and constitutes a minor revision related to tables, figures and references.

The text of this standard is based on the following documents:

CDV	Report on voting
40/1839/CDV	40/1864/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The list of all parts of the IEC 60384 series, under the (new) general title *Fixed capacitors for use in electronic equipment*, can be found on the IEC web site.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

Part 11: Sectional specification – Fixed polyethylene-terephthalate film dielectric metal foil d.c. capacitors

1 General

1.1 Scope

This part of IEC 60384 applies to fixed direct current capacitors, for rated voltages not exceeding 6 300 V, using as dielectric a polyethylene-terephthalate film and electrodes of thin metal foils. For capacitors with rated voltages exceeding 1 000 V, additional tests and requirements may be specified in the detail specification.

The capacitors covered by this standard are intended for use in electronic equipment.

NOTE Capacitors for radio interference suppression are not included, but are covered by IEC 60384-14 (see bibliography).

1.2 Object

The object of this standard is to prescribe preferred ratings and characteristics and to select from IEC 60384-1, the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification shall be of equal or higher performance level, because lower performance levels are not permitted.

1.3 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60062, *Marking codes for resistors and capacitors*

IEC 60063, *Preferred number series for resistors and capacitors*¹⁾

IEC 60068-1, *Environmental testing – Part 1: General and guidance*

IEC 60384-1:1999, *Fixed capacitors for use in electronic equipment – Part 1: Generic specification*

IEC 60410:1973, *Sampling plans and procedures for inspection by attributes*

ISO 3: *Preferred numbers – Series of preferred numbers.*

1.4 Information to be given in a detail specification

Detail specifications shall be derived from the relevant blank detail specification.

¹⁾ Second edition (1963) incorporating Amendments 1 (1967) and 2 (1977).